

REMARKS

By this amendment, claims 1-5 and 12-16 are amended. Currently, claims 1-16 are pending in the application, of which claims 1, 6 and 12 are independent. Applicant respectfully submits that the above amendments do not add new matter to the application and are fully supported by the specification.

Entry of this Amendment is respectfully requested because it places the present application in condition for allowance, or in the alternative, better form for appeal. In view of the above Amendments and the following Remarks, Applicant respectfully requests reconsideration and withdrawal of the objections and rejections for the reasons discussed below.

Rejection of Claims under 35 U.S.C. §102

Claims 1-3 and 12-14 stand rejected under 35 U.S.C. §102(e) as being anticipated by U. S. Patent No. 6,313,889 issued to Song, et al. ("Song"). Applicant respectfully traverses this rejection for at least the following reasons.

With respect to claims 1-3, in this response, independent claim 1 has been amended to clarify the claimed feature. Amended claim 1 recites:

"1. A thin film transistor liquid crystal display (TFT-LCD) of a line inversion type, comprising:
a plurality of pixels arranged in a matrix and *divided into a plurality of blocks for block-driving*, each block having a boundary pixel at a boundary thereof;
a plurality of pixel electrodes formed corresponding to the pixels; and

a plurality of data lines formed corresponding to the pixel electrodes and comprising a boundary data line provided corresponding to the boundary pixel;
wherein the boundary data line has an extension part overlapping a portion of the pixel electrode corresponding to the boundary pixel.”

According to claim 1, (a) the pixels are divided into blocks for block-driving, (b) a boundary data line is provided corresponding to a boundary pixel that is arranged at a boundary of the block, and (c) the boundary data line has an extension part overlapping a portion of the pixel electrode corresponding to the boundary pixel.

In this regard, in the Office Action, the Examiner asserted that, in Fig. 18 of Song, the connect portion 21 corresponds to the claimed extension part. However, Song fails to disclose or suggest the concept of *dividing the pixels into a plurality of blocks for block driving*. Thus, Song would not be able to disclose or suggest the claimed features of (a) each block having a boundary pixel, (b) a boundary data line provided corresponding to the boundary pixel, (c) the boundary data line having an extension part overlapping a portion of the pixel electrode corresponding to the boundary pixel.

For these reasons, it is submitted that claim 1 is patentable over Song. Claims 2 and 3 are dependent from claim 1 and hence would also be patentable at least for the same reasons.

Similarly, amended independent claim 12 recites:

“12. A liquid crystal display (LCD), comprising:
a plurality of pixel regions *divided into a plurality of blocks for block driving*, each block having a boundary pixel region arranged adjoining the neighboring block and a non-boundary pixel region spaced apart from the neighboring block;

a plurality of pixel electrodes formed corresponding to the pixel regions; and

a plurality of data lines comprising a boundary data line overlapping the pixel electrode of the boundary pixel region and a non-boundary data line provided corresponding to the non-boundary pixel region."

As mentioned above, Song fails to disclose or suggest the concept of *dividing the pixel regions into blocks for block driving*. Thus, Song would not be able to disclose or suggest (a) a boundary pixel region arranged adjoining the neighboring block, and (b) a boundary data line overlapping the pixel electrode of the boundary pixel region.

For these reasons, it is submitted that claim 12 is patentable over Song. Claims 13 and 14 are dependent from claim 12 and hence would also be patentable at least for the same reasons.

Accordingly, Applicant respectfully requests withdrawal of the 35 U.S.C. §102(e) rejection of claims 1-3 and 12-14.

Other Matters

In this response, claims 1-5 and 12-16 have been amended solely for the purposes of informality correction, better wording and clarification. These amendments are not made for the purpose of avoiding prior art or narrowing the claimed invention, and no change in claim scope is intended. Therefore, Applicant does not intend to relinquish any subject matter by these amendments.

Conclusion

Applicant believes that a full and complete response has been made to the Office Action and respectfully submits that all of the stated objections and grounds for rejection have been overcome or rendered moot. Accordingly, Applicant respectfully submits that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicant's undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully Submitted,



Hae-Chan Park
Reg. No. 50,114

Date: October 26, 2005

McGuireWoods LLP
1750 Tysons Boulevard
Suite 1800
McLean, VA 22102-4215
Tel: 703-712-5000
Fax: 703-712-5050
HCP/WSC/alj

\COM\547523.1